Digital Multimedia

CREATE MORE XITEMENT

MP3 1000 mini

USER MANUAL

Dear Customer!

Thank you for trusting our cmx® brand and our products.
The cmx® MP3 1000 mini captivates with its elegant design and easy operation.
This MP3 player is the latest generation of mobile digital devices.

It supports digital music formats, video formats and can be used for digital recordings, JPEG photo viewing and reading e-books.
Its perfect sound, reliability and the good looks make the cmx® MP3 1000 mini a real masterpiece.

We would like to make the digital era even more beautiful and wish you all the fun with your cmx® MP3 1000 mini.

Best regards
Your cmx® Team

- We reserve the right to modify this manual without prior notice.
- Please read the latest product information on our website in case your player does not operate exactly as described in this manual.

www.cmx-electronics.com

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I. Main Features

- ·220 x 176 pixels LCD with 260k colors
- · Playback formats: MP3, WMA , WAV
- · Supports video format MPEG-4 (AVI)
- · FM radio and 20 sation memory
- · Supports image brower in JPEG format
- · Built-in microphone and ultra long recording time
- · Energy saving modes, adjustable brightness and auto off function
- · Several EQ presets
- · Several languages
- · Supports WindowsVista Windows98SE/ME, WIN2000, WIN XP
- · USB 2.0 high speed
- · Supports e-book function
- · Games
- · Use as removable disk drive
- · Supports Firmware Upgrade

II. Warnings

1 . Do not use this unit in extreme hot or cold environs, dusty conditions, high humidity or extreme dry conditions.

2 . Avoid impacts to the unit.

3 . For charging set the unit to ON before connecting to the USB port of your computer or the charger.

4 . Recharge the battery if
A. the battery icon is displayed;
B. the unit automatically turns off;
C. the keys are without function.

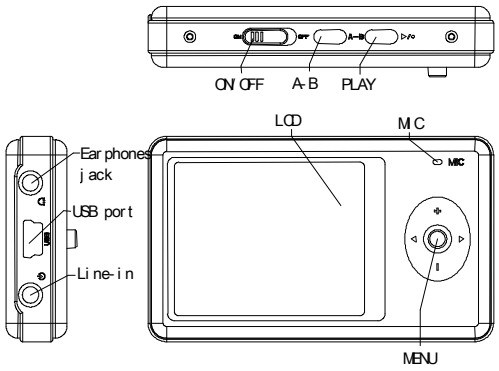
5 . Do not turn the unit off during formatting, uploads or downloads; this may cause malfunctions.

6 . Take care to properly import files in folders if using the unit as a removable disk drive. Improper use may cause data loss. We take no responsibility for data losses.

7 . Do not dismantle the unit. Always contact your dealer or authorized service center for repairs.

8 . Functions and performance are subject to change without notice.

III. Location of Controls



IV. Main Menu

In the main menu press ◄/► or +/- buttons to select a function. Press the MENU button to access that function. Press PLAY to start music playback. Simultaneously press A-B and PLAY buttons to activate/deactivate the keypad lock.

Caution:

To turn the player ON slide the ON/OFF switch to ON position and press and hold PLAY button.

V. Music Playback

In the main menu select Music. Press the MENU button to access music playback. Now access the navigation list.

Key functions:

- Press +/- buttons to select a music file.
- After selecting a folder press MENU to view and activate the music playback function.
- During music playback press and hold MENU button to access navigation view. The main menu displays, the music playback is not interrupted.

Functions:

1. Volume control
   Press + /- buttons to increase or decrease the volume.
2. Playlist
   Press MENU to display audio file list.
3. EQ presets
   Press and hold MENU to return to the main menu. Select Settings, Playback modes and EQ presets to select between 8 EQ presets NOR/3D/ROCK/POP/ KLASSIK/BASS/JAZZ /INDIV. Press MENU to confirm.

4 . A-B repeat
During music playback press A-B to set start point A for the repeat loop, A- displays. Press A-B again to set the end point B for the repeat loop, A-B displays. The section between points A and B is now constantly repeated. Press A-B again to return to normal playback mode. During pause mode the

A-B function is not available.

If A- or A-B displays you can end the A-B repeat function by pressing and holding ◄/► buttons.

5 . Lyrics display

The player supports *.LRC format for synchronized display of lyrics. The text file must have the same file name as the music file.

Example:

Music file: My-Song.mp3

Lyrics file: My-Song.lrc

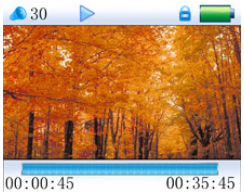
Press and hold A-B button to toggle between playback and lyrics views.

Lyrics display is activated automatically if the music and text files are saved in the same folder.

VI. Video Playback

Key functions:

- Press +/- buttons to select a video file.
- After selecting a video file press MENU to start playback.
- During playback you can return to the next higher level in the file list by pressing MENU. Press and hold MENU to return to the main video playback screen.



Functions:

1. Fast forward/Rewind

   During video playback press and hold ◄/► buttons to activate fast forward or rewind action.

2. Playlist

   Press the MENU button to display the video file list. Press +/- buttons to select a video file, press and hold to return to the video playbvack screen.

3. Volume control

   Press + /- buttons to increase or decrease the volume.

VII. FM Radio

In the main menu select FM. Press the MENU button to activate FM radio reception.

1 . Search radio stations

Select manual search. Press ◄/► to search for the next station, during this operation the sound is muted.

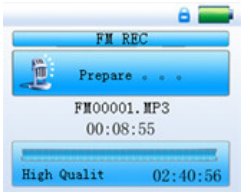
If selecting automatic search the search starts with the currently set frequency until the next radio channel is found.

2 . Save radio stations

Press PLAY to save the current station. Select the station memory (CH1, CH2, etc.) and press PLAY again for confirmation.

3 . FM radio

In FM mode press and hold A-B to activate recording mode, the screen changes to FM REC. Press A-B to start the recording. Pause the recording by pressing A-B and press again to continue recording. Press and hold MENU to exit the recording menu and return to FM mode.



4 . Preset radio station memory, manual setting and toggle between stations
Press MENU to preset radio stations, execute manual settings or toggle between stations. Press ◄/► button to select a preset station memory.

5 . Auto search and save radio stations
To automatically search and save radio stations to the station memory select auto search and press the MENU button. After searching the radio plays the first station for fine tuning. During auto search the buttons are invalid. Press and hold MENU to return to the main menu.

6 . Delete radio stations
Select Delete. Press MENU to select the radio stations to be deleted. Press PLAY to confirm.

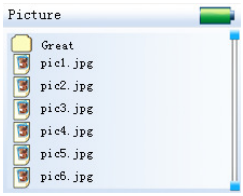
7 . Volume control
Press + /- buttons to increase or decrease the volume.

VIII. Photos

In the main menu select Photo. Press the MENU button to activate photo playback. First access the image file list.

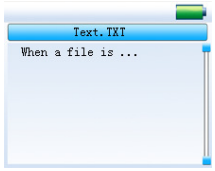
Key functions:

- Press +/- to select a file.
- After selecting a file press MENU to display the images as full frame.
- Press MENU to return to the higher level menu.
- Press and hold MENU button to return to main photo screen.



IX. E-Book

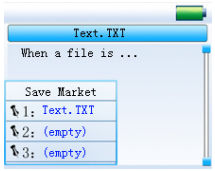
In the main menu select Text. Press the MENU button to activate the text display. First access the e-book file list.



Key functions:

- Press +/- to select a file.
- After selecting a file press MENU to display e-book view.
- Press MENU to return to the higher level menu.
- Press and hold MENU button to return to main text screen.

Functions:

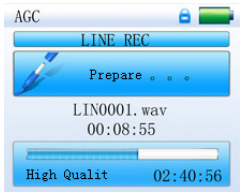


1. Press MENU to activate e-book view.
2. Press ◄/► buttons to page forward or back.
3. Press +/- buttons to move a line up or down.
4. Press PLAY to display the e-book file list, press +/- buttons to set a bookmark. Press MENU to confirm your selection and press ◄ to exit the function.
5. Press A-B to access the bookmark function and press +/- buttons to select the bookmark. Press MENU to confirm the bookmark. Press ◄ to exit the function.

The bar on the left shows how much content is left. Bookmarks can only be set within an active file. When reading another file you have to set bookmarks for this file anew.

X. Recording

In the main menu select Recording. Press the MENU button to activate the recording screen. You have to choose between MIC REC and LINE REC.



Procedure:

Recording

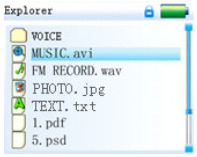
1. Press MENU again to activate the recording screen and press A-B to start the recording.
2. Pause the recording by pressing A-B and press again to continue recording. Press and hold A-B to save the current recording and prepare the next recording.

Playback recorded audio file

1. Press MENU to activate the main musc playback screen.
2. Press MENU to access the navigation and now select with +/- buttons VOICE or LINE-IN.
3. Press MENU and then +/- buttons to select the file to be played. Press MENU again to start playback.
4. Press + /- buttons to increase or decrease the volume.

XI. Navigation

Access this option by pressing MENU and display all saved files.



1) Select file

- Press +/- to select a file.
- After selecting a file press MENU to access the file.
- Now press MENU to display the corresponding playback screen. In case a file is not recognized the button is invalid.
- Press ◄ to return to the previous folder.
- Press and hold MENU to return to the main navigation screen.

2) Delete files

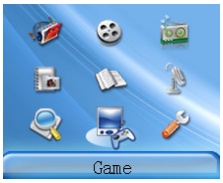
Press A-B to delete files, a dialog box displays. With ◄/► you select OK or Cancel. Now press MENU to delete the file.

3) Exit the delete function by pressing ◄/► and selecting Cancel. Press MENU to exit the function.

4) After the deletion is confirmed the current track is stopped.

XII. **Game**

Press MENU to activate this option.



Press ► to set the speed of the falling blocks. With MENU you change the direction fo the Tetris block. As soon as one line ist filled with blocks it is deleted and the upper line falls down. For deleting one line you score 100 points, 300 points for 2 lines at a time, 700 point for deleting 3 lines and 1,500 points for deleting 4 lines at a time. When you reach 10,000 points the speed increases.

Procedure:

1. Start and pause
   Press PLAY button to start or pause the game.
2. Playing Tetris:
   Press +/- buttons to move the Tetris block left or right, press MENU to change its direction. Press ► to set the falling speed of the Tetris block.
3. Exit
   Press and hold MENU to exit the game and return to the main game screen.

XIII. **Settings**

In the main menu select Settings. Press the MENU button to activate the settings and press +/- buttons to select a setting option. Press MENU to access this option.

Note: Only press ◄ to exit the menu.

1. Music

Here you have 4 options: repeat, playback, EQ presets and user EQ settings. Press +/- buttons to select the option and access the option with MENU. Press +/- buttons to change the settings und press MENU again to confirm and exit the menu.

- Repeat modes

  Here you have the following options: play once, repeat one, play folder once, repeat folder, play all once, repeat all and random repeat.

- Playback modes

  Here you have the following options: playback in recorded sequence and random playback.

- EQ modes

  Here 8 modes are available: Normal, 3D, Rock, Pop, Classic, Bass, Jazz and User EQ.

- User EQ:

  Here you have 5 frequencies with 7 settings each for your personal setting available.

2. FM radio

Select between two options: Stereo SW and regional FM radio. Press +/- buttons to activate the settings or press MENU to access the submenu.

Select the options with +/- buttons and confirm, save and exit the setting with MENU.

- Stereo SW

  Here you select between ON and OFF.

- FM region

  Select between 4 options: China, Europe, Japan and USA.

2. Recording

   Select between 3 settings: recording quality, recording volume and auto detect. Press +/- buttons to activate the settings or press MENU to access the submenu. Select the options with +/- buttons and confirm, save and exit the setting with MENU.

- Recording quality

  Select between high and normal quality.

- Recording volume

  Select between +1 (quiet), +2, +3, +4 and +5 (loud).

3. Display

   Here you have 3 options: backlight duration, backlight brightness and mode. Press +/- buttons to activate the settings or press MENU to access the submenu. Select the options with +/- buttons and confirm, save and exit the setting with MENU.

- Backlight duration

  Select between 5 options: 5 sec, 10 sec, 15 sec, 20 sec and 30 seconds.

- Backlight brightness

  Select between 5 options between 1 (low), 2, 3, 4, and 5 (bight).

- Backlight mode

  Select between normal and energy saving modes.

4. System

   Here you have 4 options: language, info, firmware upgrade and reset. Press +/- buttons to activate the settings or press MENU to access the submenu or press ◄ to return to the higher menu. Select the options with +/- buttons and confirm, save and exit the setting with MENU.

- Language

  Select between three languages: simplified and traditional Chinese and English.
- Info

  Here you find the free memory of your player and the software version. This information is read only. Press MENU to exit the menu.
- Upgrade

  This menu displays a dialog box. Press ◄/► buttons to select OK or Cancel. Confirm firmware upgrade by pressing MENU.
- Reset

  This menu displays a dialog box. Press ◄/► buttons to select OK or Cancel. Press MENU to confirm reset to factory settings.

6. Off-timer

   Press menu to confirm and save your selection and to exit the menu.
   - Off

     Here you select the off-timer between: Off (function disabled), 10 min, 15 min, 30 min, 60 min or 120 minutes.
7. Format

   This menu displays a dialog box. Press ◄/► buttons to select OK or Cancel for formatting the player. Confirm your selection with MENU. Press and hold MENU to exit the menu.

XIV. **Software Installation**

Insert the supplied CD into the CD drive of your computer. If you are using Windows operating system the installation wizard starts automatically.

Click “**application program for MP3 player**” to install the complete software for the MP3 player. Follow the prompts of the installation wizard.

After finishing the installation the Windows start menu contains the option “**MP3 TOOLS**”. Here you can access the application program and the corresponding functions.

IV. Create Video Files

Portable media players mainly use AVI format, and even online it is one of the most popular formats. Video files in XviD/DivX format are of high quality but small file size. XviD/DivX image quality matches WMV or RMVB formats.

The software can convert AVI, MPG, MPEG, RM, RMVB, WMV and DAT at a high speed to high-quality AVI files.

System requirements

Requirements for VX959 software to convert videos:

CPU: Intel or AMD core. For Intel at least Intel Pentium 3 or higher, including Intel Celeron Series.

Procedure:

1. Click the icon “MP3 video convert tool” on your desk top or start the program by clicking Programs, then MP 3 TOOLS and then MP3 video convert tool.
2. View:

Procedure:

□ Select the source video: right-click the “Source video” button to select the MTV to be converted.

□ Select the file path: right-click the “File path output” button (default: D).

源文件 D...

输出文件

- Now select image quality and format for the conversion.
- After finishing the settings click the “Start conversion” button.

After finishing the conversion 100 % a message displays that the conversion was successful. Transfer the file via USB cable to your portable media player. You can now enjoy the video on your player.

XVI. **Troubleshooting**

1. Player does not start.
   · Check if the battery is charged.
   · Connect your player to the charger.
   · If the problem persists and the palyer cannot be startet, please contact our service center.
2. No sound via the earphones.
   · Check if the volume is set to 0.
   · Check if the earphones are properly connected.
3. No key function.
   · Check if the keypad is locked. In this case press EQ to unlock the keypad.
4. Distorted sound.
   · Check if the earphones connector is dirty, this may cause problems.
   · Check if the music file is damaged. Play another file to compare. A damaged music file can cause distorted sound and sound skips.
5. Radio interferences.
   · Connect the earphones to the player.
   · Turn off other electrical equipment.
   · The earphones act as the player's antenna.
6. Illegible characters on the display.
   · Check if the language is set correctly. Set the language under <settings>--<System>--<Language>.
7. No file download possible.
   · Ensure that computer and player are properly connected.
   · Ensure that enough free memory is available.
   · Check if the USB cable is damaged.

XVII. **Technical Data**

Technical Specifications

Display	220 x 176 pixels color LCD	
Interface	High speed USB 2.0	
Memory	Flash Memory: 128 M-8 GB	
Power Supply	Rechargeable Lithium battery 650mAh	
	Max. playback duration: 15 hours (display off)	
Recording	Bit rate	8 KHz / 16 KHz
	Format	WAV (32 kbps / 64 kbps)
	Duration	8 hours (128M Flash)
MP3, WMA	max. power output earphones	(L) 5 mW + (R) 5 mW (32 Ohm)
	MP3 data rate	8 kbps – 320 kbps
	WMA data rate	32 kbps – 384 kbps
	Frequency range	20 Hz to 20 kHz
	SNR	93dB
	Distortion	0.06%
FM Radio	Frequency range	76 MHz – 90 MHz / 87,5 MHz – 108 MHz
	Station memories	20
	max. power output earphones	(L) 5 mW + (R) 5 mW (32 Ohm)
	SNR	45 dB
Music File Format	MP1, MP2, MP3, WMA, WAV	
Temperature Range	-5℃ to 40℃	
Languages	Simplified and traditional Chinese, English, German	
Supported Operating Systems	Windows Vista/98/SE/ME/2K/XP	